

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2004336561 A

(43) Date of publication of application: 25.11.04

(51) Int. Cl

H04B 1/707  
H03M 13/29  
H04J 15/00  
H04L 1/00

(21) Application number: 2003132133

(22) Date of filing: 09.05.03

(71) Applicant: MATSUSHITA ELECTRIC IND CO LTD

(72) Inventor: SUDO HIROAKI

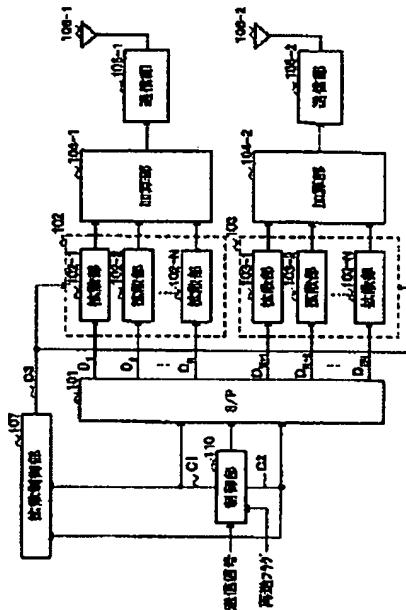
(54) DEVICE AND METHOD FOR CDMA TRANSMISSION

(57) Abstract:

PROBLEM TO BE SOLVED: To improve receiving performance of a receiving side for specific data maintaining transmission efficiency of MIMO (Multi-Input/Multi-Output) communication system.

SOLUTION: A control unit 110 recognizes types of data included in transmission signals, and outputs a control signal C1 to an S/P conversion part 101 and a spread control unit 107. The S/P converter 101 distributes data of specific types outputted from the control unit 110 to different transmission routes. Spread parts 102, 103 assign different spreading codes, and carry out spread treatment for the data of specific types outputted from the S/P conversion part 101 under control of the spread control unit 107. Data outputted from the spread parts 102, 103 are transmitted by radio through addition parts 104-1, 104-2, transmission parts 105-1, 105-2, and antennas 106-1, 106-2.

COPYRIGHT: (C)2005,JPO&NCIPI



BEST AVAILABLE COPY